

What is claimed is:

1. A polyol composition for hard polyurethane foam, comprising at least a polyol compound, a blowing agent, a foam stabilizer and a catalyst, which is mixed with an isocyanate component containing a polyisocyanate compound, followed by foaming and curing to form a hard polyurethane foam, wherein

the blowing agent contains 1,1,1,3,3-pentafluoropropane (HFC-245fa) as a main component and further comprises at least one compatibilizer selected from the group consisting of N,N-dimethylacetamide (DMA), N-methyl pyrrolidone (NMP), γ -butyrolactone (GBL) and methoxypropyl acetate (MPA), and 1,1,1,3,3-pentafluorobutane (HFC-365mfc), and also HFC-245fa/HFC-365mfc \geq 60/40 (weight ratio) and (HFC-245fa + HFC-365mfc)/(compatibilizer) = 95/5 to 60/40 (weight ratio).

2. A method for producing a hard polyurethane foam, which comprises the step of mixing an isocyanate component with a polyol composition, and foaming and curing the mixture to form a hard polyurethane foam, wherein

the polyol composition contains at least a polyol compound, a blowing agent, a foam stabilizer and a catalyst, and wherein

the blowing agent contains 1,1,1,3,3-pentafluoropropane (HFC-245fa) as a main component and further comprises at least one compatibilizer selected from the group consisting of N,N-dimethylacetamide (DMA), N-methyl pyrrolidone (NMP), γ -butyrolactone (GBL) and methoxypropyl acetate (MPA), and 1,1,1,3,3-pentafluorobutane (HFC-365mfc), and also HFC-245fa/HFC-365mfc \geq 60/40 (weight ratio) and (HFC-245fa + HFC-365mfc)/(compatibilizer) = 95/5 to 60/40 (weight ratio).